

1806/13

28

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/726,093

DATE: 06/06/97
 TIME: 14:57:10

INPUT SET: S2931.raw

**This Raw Listing contains the General
 Information Section and up to the first 5 pages.**

SEQUENCE LISTING

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46

(1) General Information:

(i) APPLICANT: FUCHS, Martin
 EGHOLM, Michael
 O'KEEFE, Heather
 YOA, Xian-Wei

(ii) TITLE OF INVENTION: METHODS AND KITS FOR HYBRIDIZATION
 ANALYSIS USING PEPTIDE NUCLEIC ACID PROBES

(iii) NUMBER OF SEQUENCES: 10

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Patent Administrator, Testa Hurwitz &
 Thibeault, LLP
 (B) STREET: 125 High Street
 (C) CITY: Boston
 (D) STATE: Massachusetts
 (E) COUNTRY: USA
 (F) ZIP: 02110

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
 (B) COMPUTER: IBM PC compatible
 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER:
 (B) FILING DATE:
 (C) CLASSIFICATION:

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: TURANO, THOMAS A.
 (B) REGISTRATION NUMBER: 35,722
 (C) REFERENCE/DOCKET NUMBER: SYP-116

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: (617) 248-7000
 (B) TELEFAX: (617) 248-7100

(2) INFORMATION FOR SEQ ID NO:1:

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/726,093DATE: 06/06/97
TIME: 14:57:11

INPUT SET: S2931.raw

47 (i) SEQUENCE CHARACTERISTICS:
48 (A) LENGTH: 15 base pairs
49 (B) TYPE: nucleic acid
50 (C) STRANDEDNESS: single
51 (D) TOPOLOGY: linear
52
53 (ii) MOLECULE TYPE: other nucleic acid
54 (A) DESCRIPTION: /desc = "biotinylated peptide
55 nucleic acid"
56
57
58
59
60 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
61
62 ATGCAGGAGT CGCAT 15
63
64 (2) INFORMATION FOR SEQ ID NO:2:
65
66 (i) SEQUENCE CHARACTERISTICS:
67 (A) LENGTH: 15 base pairs
68 (B) TYPE: nucleic acid
69 (C) STRANDEDNESS: single
70 (D) TOPOLOGY: linear
71
72 (ii) MOLECULE TYPE: other nucleic acid
73 (A) DESCRIPTION: /desc = "fluorescein labeled peptide
74 nucleic acid"
75
76
77
78
79 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
80
81 CTTTCCTCCA CTGTT 15
82
83 (2) INFORMATION FOR SEQ ID NO:3:
84
85 (i) SEQUENCE CHARACTERISTICS:
86 (A) LENGTH: 15 base pairs
87 (B) TYPE: nucleic acid
88 (C) STRANDEDNESS: single
89 (D) TOPOLOGY: linear
90
91 (ii) MOLECULE TYPE: other nucleic acid
92 (A) DESCRIPTION: /desc = "fluorescein labeled peptide
93 nucleic acid"
94
95
96
97
98 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
99

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/726,093DATE: 06/06/97
TIME: 14:57:12

INPUT SET: S2931.raw

100 CTTTCCTTCA CTGTT 15
101
102 (2) INFORMATION FOR SEQ ID NO:4:
103
104 (i) SEQUENCE CHARACTERISTICS:
105 (A) LENGTH: 15 base pairs
106 (B) TYPE: nucleic acid
107 (C) STRANDEDNESS: single
108 (D) TOPOLOGY: linear
109
110 (ii) MOLECULE TYPE: other nucleic acid
111 (A) DESCRIPTION: /desc = "fluorescein labeled peptide
112 nucleic acid"
113
114
115
116
117 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
118
119 GGTCACATATC AGTCA 15
120
121 (2) INFORMATION FOR SEQ ID NO:5:
122
123 (i) SEQUENCE CHARACTERISTICS:
124 (A) LENGTH: 15 base pairs
125 (B) TYPE: nucleic acid
126 (C) STRANDEDNESS: single
127 (D) TOPOLOGY: linear
128
129 (ii) MOLECULE TYPE: other nucleic acid
130 (A) DESCRIPTION: /desc = "fluorescein labeled peptide
131 nucleic acid"
132
133
134
135
136 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
137
138 TTTTCCCAGT CACGA 15
139
140 (2) INFORMATION FOR SEQ ID NO:6:
141
142 (i) SEQUENCE CHARACTERISTICS:
143 (A) LENGTH: 15 base pairs
144 (B) TYPE: nucleic acid
145 (C) STRANDEDNESS: single
146 (D) TOPOLOGY: linear
147
148 (ii) MOLECULE TYPE: other nucleic acid
149 (A) DESCRIPTION: /desc = "fluorescein labeled peptide
150 nucleic acid"
151
152

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/726,093DATE: 06/06/97
TIME: 14:57:13

INPUT SET: S2931.raw

153
154
155 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
156
157 TTTTCCCAGG CACGA 15
158
159 (2) INFORMATION FOR SEQ ID NO:7:
160
161 (i) SEQUENCE CHARACTERISTICS:
162 (A) LENGTH: 15 base pairs
163 (B) TYPE: nucleic acid
164 (C) STRANDEDNESS: single
165 (D) TOPOLOGY: linear
166
167 (ii) MOLECULE TYPE: other nucleic acid
168 (A) DESCRIPTION: /desc = "fluorescein labeled peptide
169 nucleic acid"
170
171
172
173
174 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
175
176 TTTTCACAGG CACGA 15
177
178 (2) INFORMATION FOR SEQ ID NO:8:
179
180 (i) SEQUENCE CHARACTERISTICS:
181 (A) LENGTH: 13 base pairs
182 (B) TYPE: nucleic acid
183 (C) STRANDEDNESS: single
184 (D) TOPOLOGY: linear
185
186 (ii) MOLECULE TYPE: other nucleic acid
187 (A) DESCRIPTION: /desc = "fluorescein labeled peptide
188 nucleic acid"
189
190
191
192
193 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
194
195 AAACACCAAA GAT 13
196
197 (2) INFORMATION FOR SEQ ID NO:9:
198
199 (i) SEQUENCE CHARACTERISTICS:
200 (A) LENGTH: 13 base pairs
201 (B) TYPE: nucleic acid
202 (C) STRANDEDNESS: single
203 (D) TOPOLOGY: linear
204
205 (ii) MOLECULE TYPE: other nucleic acid

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/726,093DATE: 06/06/97
TIME: 14:57:13

INPUT SET: S2931.raw

206 (A) DESCRIPTION: /desc = "fluorescein labeled peptide
207 nucleic acid"
208
209
210
211

212 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
213

214 ACACCAATGA TAT

13

215
216 (2) INFORMATION FOR SEQ ID NO:10:
217

218 (i) SEQUENCE CHARACTERISTICS:
219 (A) LENGTH: 15 base pairs
220 (B) TYPE: nucleic acid
221 (C) STRANDEDNESS: single
222 (D) TOPOLOGY: linear
223
224
225
226
227

228 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
229

230 ATGCGACTCC TGCAT
231

15

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/726,093

DATE: 06/06/97
TIME: 14:57:14

INPUT SET: S2931.raw

Line

Error

Original Text